

Sources

The City of Longview currently treats and delivers water from three sources: the Sabine River, Lake Cherokee and Lake O' the Pines. A contract between the City and the Cherokee Water Company which provides up to 16,000 acre-feet per year expires in 2035. Available withdrawals from the Sabine River, from Texas Commission on Environmental Quality (TCEQ) permits and contracts with the Sabine River Authority total 40,547 acre-feet per year. Of the total available from the Sabine River, 20,000 acre-feet per year is acquired by contract with the Sabine River Authority for release from Lake Fork. This contract will expire in 2006 unless renewed at that time. The total quantity of raw water presently available to the City from Sabine River, Lake Cherokee and Lake O' the Pines equals 76,547 acre-feet per year.

According to a 1991 raw water study prepared for the City, future raw demands should not exceed currently available water rights until 2025, even if the contract with the Sabine River Authority for Lake Fork is not renewed in 2006. Without Lake Fork water, however, the City must rely upon run-of-the-river water which is only available during the winter and spring months. To fully utilize these rights, the City would need to construct hold reservoirs to store raw water for use in the summer months.

Treated Water Needs

The treated water demands have been projected through 2015 to determine the need for additional water treatment facilities. Over the next 20 years, these projections show that the treated water demand will rise to an average daily demand of 23.81 million gallons per day (MGD) and a maximum daily demand of 47.1 MGD (with conservation) and 52.4 MGD (without conservation).

The total effective treatment capacity currently available from the City's two treatment plants is 38.5 MGD. Comparing this capacity to the 20-year demand for treated water, an additional treatment capacity of 8.6 mgd to 13.9 MGD (depending upon the effectiveness of water conservation efforts) will be required.

For more information call: 903-237-2780 | [Contact Us](#) [1]

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